Docket No.: 1872.1005 (formerly 23.1093)

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Hiroyuki SHIBATA et al.

U.S. Patent 7,193,596

Serial No. 09/760,883

Group Art Unit: 2629

Confirmation No. 4981

Filed: January 17, 2001

Examiner: KOVALICK, VINCENT E

For:

DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND DRIVING METHOD

FOR THE DISPLAY APPARATUS

# SECOND PETITION UNDER 37 CFR 3.81(b) AND REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the communication received from the Decisions & Certificates of Correction Branch dated October 27, 2009, Applicants are filing a second petition to obtain issuance of a Certification of Correction for inadvertent errors made in the subject application after paying the issue fee and after issuance of a patent.

As explained in Applicants Petition filed September 29, 2009, Applicants has found an inadvertent error on the Issue Fee Transmittal filed in the USPTO on February 12, 2007. As a result, the error appears on the face of the Letters Patent and, unfortunately, was overlooked until now.

On February 12, 2007 when Applicants prepared and filed the Issue Fee Transmittal, the Transmittal inadvertently listed <u>HITACHI, LTD.</u> as the <u>sole</u> Assignee, omitting the <u>second</u> Assignee's name of **FUJITSU HITACHI PLASMA DISPLAY LIMITED** (copy enclosed).

As evidenced by the enclosed Notice of Recordation recorded on January 17, 2001 at Reel 011464/ Frame 0046, FUJITSU LIMITED AND FUJITSU HITACHI PLASMA DISPLAY LIMITED has had joint ownership in the subject application since the initial filing date of January 17, 2001.

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Since that time, and as evidenced by the enclosed Notice of Recordation recorded on December 23, 2005 at Reel 017136/ Frame 0874, FUJITSU LIMITED assigned its entire rights to HITACHI, LTD; and as further evidenced by the enclosed Notice of Recordation recorded October 29, 2008, Reel 021785/ Frame 0276, HITACHI, LTD. has assigned its entire rights to HITACHI PLASMA PATENT LICENSING CO., LTD., which Assignment was filed after the Patent issued. Therefore, at the time the issue fee was paid (February 12, 2007), the assignees of record were Hitachi, Ltd. and Fujitsu Hitachi Plasma Display Limited.

Accordingly, Applicants are respectfully requesting that the PETITION be entered and made of record, since Applicants have proven and provided proof that the errors were inadvertent.

It is further requested that this file be forwarded to the Certificates of Correction Branch for issuance of a CERTIFICATE OF CORRECTION to correct and add the appropriate Assignee's names of record: - - HITACHI, LTD. AND FUJITSU HITACHI PLASMA DISPLAY LIMITED- -.

Applicants respectfully submit the processing fee of \$130 as set forth under 37 CFR 1.117(h).

If there are any additional fees associated with filing of this Petition, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

John C. Garvey

Registration No. 28,607

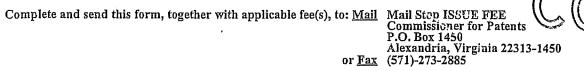
Date

1201 New York Ave, N.W., 7th Floor

12-15-09

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501

## PART B - FEE(S) TRANSMITTAL



INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent advance orders and notification of maintenance fees will be mailed to the current correspondence address and notification of maintenance fees will be mailed to the current correspondence address and notification of maintenance fees will be mailed to the current correspondence address and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and notification of maintenance fees will be mailed to the current correspondence and the current correspondence and the current correspondence and the curr

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ROVALICK, VINCENTE 2629 345-094000  1. Change of correspondence address or indication of "Fee Address" (37 JFR 1,53).  1. Change of correspondence address (or Change of Correspondence Address form PTO/SB1/22) attached.  1. Change of correspondence address (or Change of Correspondence Address form PTO/SB1/22) attached.  1. "Fee Address" indication (or "fee Address" Indication form PTO/SB1/27) Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNÉE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignes is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  PLEASE NOTE: Unless an assignee category or categories (will not be printed on the patent):  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  PLEASE NOTE: The Isomeroe categories (will not be printed on the patent):  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  TOKYO, JAPAN  Please check the appropriate assignee category or categories (will not be printed on the patent):  (B) Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  (C) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overapyment, to Deposit Account Number 1 or 20 235. (eaclose an extra copy of this form).  (C) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overapyment, to Deposit Account Number 1 or 20 235. (eaclose an extra copy of this form).  (C) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overapyment, to Deposit Account Number 1 or 20 235. (eaclose an extra copy of this form).  (C) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overapyment, to Deposit A	nonprovisional	ИО	\$1400	\$300	\$0	\$1700	02/13/2007
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(A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  HITACHI, LTD.  TOKYO, JAPAN  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government and the following fee(s) are submitted:  4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  Lissue Fee  Publication Fee (No small entity discount permitted)  Advance Order - # of Copies  Change in Entity Status (from status indicated above)  La. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27.  NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.  Authorized Signature  Typed or printed name  H. STAAS  Registration No.  22,010  Phis collection of information is required by 37 CFR 1.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, are submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information (Terr. U.S. Patent and Trademark Office, U.S. Department of Commence, P.C. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450.	CFR 1.363).  Change of corresp Address form PTO/SI  "Fee Address" ind PTO/SB/47; Rev 03-03-03-03-03-03-03-03-03-03-03-03-03-0	ondence address (or Cha B/122) attached. ication (or "Fee Address )2 or more recent) attach ND RESIDENCE DATA	nge of Correspondence  Indication form led. Use of a Customer  A TO BE PRINTED ON	(1) the names of up to or agents OR, alternative (2) the name of a single registered attorney or a 2 registered patent attorned listed, no name will be THE PATENT (print or type of the patent attorned to th	3 registered patent attor vely, e firm (having as a mem agent) and the names of r meys or agents. If no nar printed.	per a 2proper to a 2	
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Covernment of Sec. (Please first reapply any previously paid issue fee shown above)  4a. The following fee(s) are submitted:  4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)  4c. A check is enclosed.  4c. Publication Fee (No small entity discount permitted)  4c. A check is enclosed.  4c. Payment by credit card. Form PTO-2038 is attached.  4c. Payment by credit card. Form PTO-2038 is attached.  4c. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 1 or 2 or 2 overpayment, to Deposit Account Number 1 or 2 or 2 or 2 overpayment, to Deposit Account Number 1 or 2 o			pletion of this form is NO		=		
Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government of Fee(s): (Please first reapply any previously paid issue fee shown above)    A. The following fee(s) are submitted:   Signature   Status (from status indicated above)   A. A check is enclosed.   Payment by credit card. Form PTO-2038 is attached.   Payment by credit card. Form PTO-2038 is att				(b) IdbibLiveL. (cir i		•	
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5. Change in Entity Status (from status indicated above)  a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).  NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.  Authorized Signature  Typed or printed name  H. STAAS  Registration No.  22,010  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proces an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, are submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to compleths form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.C. Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, Virginia 22313-1450.	X Issue Fee X Publication Fee ()	No small entity discount p		A check is enclosed.  Payment by credit car  The Director is hereby	d. Form PTO-2038 is att	ached.	eficiency or credit any
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.  Authorized Signature  Typed or printed name  H. STAAS  Registration No.  Registration No.  Registration No.  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proces an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, an application of the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complethis form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.C. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, Virginia 22313-1450.		•	,				
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	an application. Confident submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 223	dapplication form to the dapplication form to the lons for reducing this bu lirginia 22313-1450. DC 13-1450.	U.S.C. 122 and 37 CFR U.S.PTO. Time will vary den, should be sent to the ONOT SEND FEES OR	depending upon the individence of the control of the control of the complete of the control of the co	timated to take 12 minute ridual case. Any commen er, U.S. Patent and Trade O THIS ADDRESS. SEN	es to complete, including ts on the amount of ti- mark Office, U.S. Dep ID TO: Commissioner	ng gathering, preparing, and me you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450,



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RECORDATION DATE: 01/17/2001

REEL/FRAME: 011464/0046

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHIBATA, HIROYUKI

DOC DATE: 01/09/2001

ASSIGNOR:

MURAYASU, YOSHIRO

DOC DATE: 01/09/2001

**ASSIGNOR:** 

WATANABE, SATOSHI

DOC DATE: 01/09/2001

ASSIGNEE:

FUJITSU LIMITED

1-1, KAMIKODANAKA 4-CHOME, NAKAHARA-KU, KAWASAKI-SHI KANAGAWA 211-8588, JAPAN

ASSIGNEE:

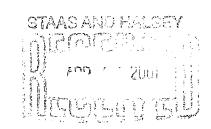
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LIMITED

2-1, SAKADO 3-CHOME, TAKATSU-KU KAWASAKI-SHI, KANAGAWA 213-0012

**JAPAN** 





011464/0046 PAGE 2

SERIAL NUMBER: 09760883

PATENT NUMBER:

FILING DATE: 01/17/2001

ISSUE DATE:

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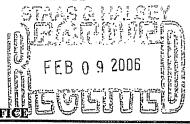
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(1) Hiroyuki SHIBATA (2) Yoshiro MURAYASU (3) Satoshi WATANABE  2. Name and address of receiving party(ies):  FUJITSU LIMITED 1-1, Kamikodanska 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN  3. Nature of conveyance:  X Assignment	1.	Name of conveying party(ies):						883 883
FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN  3. Nature of conveyance:  X			(2)	Yoshiro MURA	YASU	(3)	Satoshi WATANABE	<sup>2</sup> u. s
FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN  3. Nature of conveyance:  X Assignment Security Agreement Other: Execution Date(s): January 9, 2001  4. Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: January 9, 2001 (b) The title is: DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND DRIVING METHOD FOR THE DISPLAY APPARATUS **** This document is being filed after filing of the application: (a) Patent Application No(s).  (b) Patent No(s).  (c) Patent No(s).  (d) Fatent No(s).  (e) Patent No(s).  (f) Fatent No(s).  (g) Fatent No(s).  (g) Fatent No(s).  (h)	2.	Name and address of receiving	g party(ies	s):				10.97 00.00
X Assignment		1-1, Kamikodanaka 4-0 Nakahara-ku, Kawasa	ki-shi		2-1, Sakado	o 3-chome,	Takatsu-ku	ס <sup>"י</sup>
Security Agreement Other:  Execution Date(s): January 9, 2001  4. Application number(s) or patent number(s):  This document is being filed together with a new application:  (a) The execution date(s) of the application Is/are: January 9, 2001  (b) The title is: DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND DRIVING METHOD FOR THE DISPLAY APPARATUS  **** OR ****  This document is being filed after filing of the application:  (a) The title is: DISPLAY APPARATUS  **** OR ***  This document is being filed after filing of the application Is/are: January 9, 2001  (b) The title is: DISPLAY APPARATUS  ****  This document is being filed after filing of the application:  (a) Patent Application No(s).  (b) Patent No(s).  (c) Patent Application No(s).  (d) Patent Application No(s).  (e) Patent Application No(s).  (f) Patent No(s).  (g) Filed  (g) Or Docket: 23.1093/HJS  Attention: H. J. Staas  700 Eleventh Street, N.W., Suite 500  Washington, D.C. 20001  (g) Washington, D.C. 20001  (g) Total number of applications and patents involved: 1  Total fee (37 CFR 3.41)	3.	Nature of conveyance:					•	
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(a) Patent Application No(s)		(a) The execution date(s) (b) The title is: DISPLAY APPAR	of the app	olication is/are:	tion: January 9, 20	<u>001</u>		OD FOR
STAAS & HALSEY LLP Attention: H. J. Staas 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)						; or		
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3/2001 VYANG1 00000054 09760883 DO NOT USE THIS SPACE		7	Total r	number of pages		cover shee	t, attachments, and docu	ment: 2
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	IN CONSIDERATION of the su the undersigned inventor(s) (hereinafter *A		ther good and valuable consideration paid to	
(Insert ASSIGNEE's	1) FUJITSU LIMITED	Nalaska za za		
Name(s) Address(es))			awasaki-shi, Kanagawa 211-	8588 <b>,</b> Japa
	2) FUJITSU HITACHI PLASMI			
	2-1, Sakado 3-chome, 5	Takatsu-ku, Kawasaki	-shi, Kanagawa 213-0012, J	apan
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	relating to International Patent Applicat of the United States was executed on ev	tion PCT/JP / en date herewith or, if not so execu	and/or for which application for Letter sted, was:	rs Patent
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f execution f application,	. (b) filed on	) is h	ereby authorized to insert in (b) the specified	
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	producing evidence.			
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	in with as with the fire	e mideraigned inventor(s) has (hav	e) affixed his/her/their signature(s).	
Signatures)	1) Moyaki Shihatel Segnature	Hiroyuki Shibata	January 9, 2001	
	2 Joshine murayasın (SIGNATURE)	Yoshiro Murayasu	January 9, 2001	
	3) Satoria Wateriala (SIGNATURE)	Satoshi Watanabe	<u>January 9, 2001</u>	
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STAAS & HALSEY LLP

ATTENTION: H. J. STAAS

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FUJITSU LIMITED

DOC DATE: 10/18/2005

ASSIGNEE:

HITACHI, LTD.

6-6, MARUNOUCHI 1-CHOME, CHIYODA-

KU

PATENT NUMBER:

TOKYO, JAPAN

SERIAL NUMBER: 09760883

FILING DATE: 01/17/2001

ISSUE DATE:

TITLE: DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND DRIVING METHOD

FOR THE DISPLAY APPARATUS

017136/0874 PAGE 2

SERIAL NUMBER: 10102017 FILING DATE: 03/21/2002

ISSUE DATE:

TITLE: PLASMA DISPLAY APPARATUS

SERIAL NUMBER: 10627727 FILING DATE: 07/28/2003

PATENT NUMBER: ISSUE DATE:

TITLE: GAS DISCHARGE PANEL SUBSTRATE ASSEMBLY, PRODUCTION METHOD THEREFOR

AND AC TYPE GAS DISCHARGE PANEL

SERIAL NUMBER: 10807535 FILING DATE: 03/24/2004

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD FOR DRIVING PLASMA DISPLAY PANEL

SERIAL NUMBER: 11071346 FILING DATE: 03/04/2005

PATENT NUMBER: ISSUE DATE:

TITLE: PLASMA DISPLAY APPARATUS

SERIAL NUMBER: 09427936 FILING DATE: 10/27/1999 PATENT NUMBER: 6496194 ISSUE DATE: 12/17/2002

TITLE: HALFTONE DISPLAY METHOD AND DISPLAY APPARATUS FOR REDUCING HALFTONE

DISTURBANCES OCCURRING IN MOVING IMAGE PORTIONS

SERIAL NUMBER: 09608150 FILING DATE: 06/30/2000 FILING DATE: 06/30/2000 ISSUE DATE: 12/17/2002 PATENT NUMBER: 6496166

TITLE: DISPLAY APPARATUS

SERIAL NUMBER: 09970706 FILING DATE: 10/05/2001 PATENT NUMBER: 6538382 FILING DATE: 03/25/2003 ISSUE DATE: 03/25/2003

TITLE: PLASMA DISPLAY APPARATUS HAVING REINFORCED ELECTRONIC CIRCUIT MODULE

SERIAL NUMBER: 10680136
PATENT NUMBER: 6855026 FILING DATE: 10/08/2003 ISSUE DATE: 02/15/2005

TITLE: METHOD FOR FORMING PARTITIONS OF PLASMA DISPLAY PANEL BY USING

SANDBLASTING PROCESS

SERIAL NUMBER: 10320550 FILING DATE: 12/17/2002 PATENT NUMBER: 6781564 ISSUE DATE: 08/24/2004

TITLE: DISPLAY APPARATUS

SERIAL NUMBER: 08693598 FILING DATE: 08/05/1996 PATENT NUMBER: 5907316 ISSUE DATE: 05/25/1999 TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES

SERIAL NUMBER: 08883233 FILING DATE: 06/26/1997 PATENT NUMBER: 6529204 ISSUE DATE: 03/04/2003 TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES

JOANN STEWART, EXAMINER

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	Nature of conveyance:  X Assignment
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	OR  This document is being filed after filing of the application:  Patent Application No(s). See Attached List  Patent No(s). See Attached List
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1861.1001  Attention: H. J. Staas 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005
S.	Total number of applications and patents involved: _12
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment)  ☐ Enclosed  ☐ Authorized to be charged to deposit account.
	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) duplicate copy of this page if paying by deposit account)
H. J. S	taas, Reg. No. 22,010 of Person Signing Signature Total number of pages including cover sheet: 3
	DO NOT USE THIS SPACE

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted via facsimile to: Commissioner for Patents

STAAS & HALSEY

Date ---

Assignment

Whereas, Fujitsu Limited, of 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Kawasaki-shi, Kanagawa, Japan, hereinafter referred to as "Assignor", holds the

co-ownership share in United States Patents and Applications listed on the attached

"Annex"; and

Whereas, Hitachi, Ltd., of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,

hereinafter referred to as "Assignee", desires to acquire the entire right, title, and interest of

the Assignor in the said U.S. Patents and Applications;

Now, therefore, in consideration of and in exchange for the sum of One Dollar

(\$1.00) to it in hand paid by Assignee and other good and valuable consideration, the receipt

of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over,

and does hereby sell, assign, transfer and set over, to Assignee, Assignor's interest in the

inventions and patent applications aforesaid, and any continuations, divisionals and

reissues thereof, the same to be held and enjoyed by Assignee for its own use and

enjoyment, and for the use and enjoyment of its successors, assigns or legal

representatives, to the end of the term or terms for which the said patents are or may be

granted or reissued.

Assignor hereby authorizes and requests the Commissioner of Patents and

Trademarks to issue any and all Letters Patent of the United States on said inventions or

resulting from said applications and any continuations, divisionals and reissues thereof to

Assignee as assignee of the interest conveyed herein, and hereby covenants that it has the

full right to convey the interest herein assigned, and that it has not executed, and will not

execute, any agreements inconsistent herewith.

In Witness whereof, Fujitsu Limited has caused this Patent Assignment to be

By:

executed by its duly authorized officer on this <u>18th</u> day of <u>October</u> 2005.

**Fujitsu Limited** 

Date: October 18, 2005

Hiroaki Kurokawa

Title:

President

Country	Application No.	Patent No.
US	09/427936	6496194
US	09/608150	6496166
US	09/760883	
US	09/970706	6538382
US	10/102017	
US	10/627727	
US	10/680136	6855026
US	10/807535	
US	10/866302	6781564
US	11/071346	
US	693598	5907316
US	883233	6529204





## UNITED STATES PATENT AND TRADEMARK OFFICE

Under Secretary of Commerce for Intellectual Property and DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 06, 2008

PTAS

STAAS & HALSEY LLP ATTN: H.J. STAAS

1201 NEW YORK AVENUE, N.W., 7TH FLOOR

WASHINGTON, D.C. 20005

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/29/2008

REEL/FRAME: 021785/0276

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 1920.0002

ASSIGNOR:

HITACHI LTD.

DOC DATE: 09/01/2006

ASSIGNEE:

HITACHI PLASMA PATENT LICENSING

CO., LTD.

2-1, OTEMACHI 2-CHOME

CHIYODA-KU, TOKYO, JAPAN

SERIAL NUMBER: 09760883

TRAUSTER (1 TO 1872.1005) FILING DATE: 01/17/2001

ISSUE DATE: 03/20/2007 PATENT NUMBER: 7193596

TITLE: DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND DRIVING METHOD

FOR THE DISPLAY APPARATUS

SERIAL NUMBER: 10102017

PATENT NUMBER: 7164394 TITLE: PLASMA DISPLAY APPARATUS FILING DATE: 03/21/2002

ISSUE DATE: 01/16/20

021785/0276 PAGE 2 021785/02/6 PAGE 2 SERIAL NUMBER: 10627727 /8 16./007 FILING DATE: 07/28/2003 ISSUE DATE: 05/13/2008 TITLE: GAS DISCHARGE PANEL SUBSTRATE ASSEMBLY HAVING PROTECTIVE LAYER IN CONTACT WITH DISCHARGE SPACE, AND AC TYPE GAS DISCHARGE PANEL HAVING THE ASSEMBLY SERIAL NUMBER: 10807535 /875./020 ACW FILING DATE: 03/24/2004 PATENT NUMBER: ISSUE DATE: TITLE: METHOD FOR DRIVING PLASM DISPLAY PANEL SERIAL NUMBER: 10866302 FILING DATE: 06/14/2004 PATENT NUMBER: 7002535 ISSUE DATE: 02/21/2006 TITLE: DISPLAY APPARATUS SERIAL NUMBER: 11071346 1872 1008
PATENT NUMBER: 603/04/2005
ISSUE DATE: 03/04/2005 TITLE: PLASMA DISPLAY APPARATUS SERIAL NUMBER: 08693598 ()23./672 / FILING DATE: 08/05/1996 PATENT NUMBER: 5907316 TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES SERIAL NUMBER: 09608150 ISSUE DATE: 12/17/2002 FILING DATE: 06/30/2000 PATENT NUMBER: 6496166 TITLE: DISPLAY APPARATUS SERIAL NUMBER: 09427936 073 1083 PATENT NUMBER: 6496194 FILING DATE: 10/27/1999 ISSUE DATE: 12/17/2002 TITLE: HALFTONE DISPLAY METHOD AND DISPLAY APPARATUS FOR REDUCING HALFTONE DISTURBANCES OCCURRING IN MOVING IMAGE PORTIONS SERIAL NUMBER: 08883233 FILING DATE: 06/26/1997 PATENT NUMBER: 6529204 ISSUE DATE: 03/04/2003 TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES FILING DATE: 12/17/2002

SERIAL NUMBER: 10320550 ISSUE DATE: 08/24/2004

PATENT NUMBER: 6781564 TITLE: DISPLAY APPARATUS

1466,1078 SERIAL NUMBER: 10680136 PATENT NUMBER: 6855026

FILING DATE: 10/08/2003 ISSUE DATE: 02/15/2005

TITLE: METHOD FOR FORMING PARTITIONS OF PLASMA DISPLAY PANEL BY USING SANDBLASTING PROCESS

ALLYSON PURNELL, EXAMINER ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION

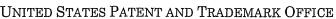
		11-04-2008	
FORM PTO-1595	RECORDATION Patent and		RTMENT OF COMMERCE
p2005 Stans & Halsey LLP	PATEN		1150
To the Director of the U.S. Patent	and Trademark Office RI	103533273	
1.Name of conveying party(ies): HITACHI LTD. 6-6, Marunouchi 1-chom Chiyoda-ku, Tokyo Japan	128	No. 100	
2.Name and Address of receiving	g party(ies):	•	
HITACHI PLASMA PATE 2-1, Otemachi 2-chome Chiyoda-ku, Tokyo Japan	ENT LICENSING CO.,	LTD.	
3.Nature of conveyance:			
X Assignment Security Agreem Other: Execution Date(s): Septe		Merger Change of Name	
	t number(s): ng filed together with a DR	ı new application.	
<ul><li>This document is being the control of the c</li></ul>		d List (Annex)	
5.Name and address of party to v STAAS & HALSEY LLP Attention: H. J. Staas 1201 New York Ave., N.V Washington, D.C. 20005	V., 7th Floor	concerning document should to Our Docket: 1920.0002	pe mailed:
6.Total number of applications an	d patents involved:	<u>12</u>	
7.Total fee (37 CFR 3.41)	(\$ 40.00 per Pate		nt)
8.Deposit Account No.: 19-3935 Account)	(Any underpayment is	s authorized to be charged to t	nis Deposit
(Attach duplicate copy of	this page if paying by	deposit account)	
H. J. Staas , Reg. No. 22,010 Name of Person Signing	S DU NOT USE	ignature Total number of pages include	Oct. 29, 2008 Date ding cover sheet: 9
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		11/03/2008 DBYRNE 01 FC:8021	00000026 193935

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Revised January, 2005

## Annex

Application No.	Patent No.	
09/760883		
10/102017	·	
10/627727		
10/807535		
10/866302	·	
11/071346		
693598	5907316	
09/608150	6496166	
09/427936	6496194	
883233	6529204	
10/866302	6781564	
10/680136	6855026	$\exists$



Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Patent No.

Ser. No. :09/760883

Inventor(s) :HIROYUKI SHIBATA ET AL. : 1/17/01

Issued Title

: DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND

DRIVING METHOD FOR THE DISPLAY APPARATUS

Docket No. :

Re: Request for Certificate of Correction

Consideration has been given your request for the issuance of a certificate of correction for the above-identified patent under the provisions of Rule(s) 1.322 and/or 1.323.

Assignees' names and addresses (assignment data) printed in a patent, are based solely on information supplied in the appropriate space for identifying the assignment data, i.e., item 3 of the Issue Fee Transmittal Form PTOL-85B. Granting of a request under 37 CFR 3.81(b) is required to correct applicant's error providing incorrect or erroneous assignment data, before issuance of a Certificate of Correction, under 37 CFR 1.323 (see Manual of Patent Examining Procedures (M.P.E.P) Chp. 1400, sect. 1481). This procedure is required at any time after the issue fee is paid, including after issuance of the patent.

In view of the foregoing, your request, in this mater, is hereby denied.

A request to correct the Assignee under 37 CFR 3.81(b) should include:

- A. the processing fee set forth in 37 CFR 1.117(h) (currently \$130);
- B. a statement that the failure to include the correct assignee name on the PTOL-85B was inadvertent; and
- C. a copy of the Notice of Recordation of Assignment Document, reflecting the reel and frame number where the assignment(s) is recorded and/or reflecting proof of the date the assignment was submitted for recordation.

In the Request, Applicant(s) may request that the file be forwarded to Certificates of Correction Branch, for issuance of a Certificate of Correction, if the Request is granted.

Any request under 37 CFR 3.81(b) should be directed to the following address or facsimile number:

By mail:

Mail Stop PETITIONS Commissioner for Patents Post Office Box 1450 Alexandria, VA 22313-1450





By hand:

Customer Service Window

Mail Stop Petitions Randolph Building 401 Dulany Street Alexandria, VA 22314

By fax:

(703) 872-9306

ATTN: Office of Petitions

If a fee (currently \$100) was previously submitted for consideration of a Request for Certificate of Correction, under CFR 1.323, to correct assignment data, , no additional fee is required.

A certificate of correction will be issued to correct the remaining errors noted in your request.

## Henry Randall

Decisions & Certificates of Correction Branch (703) 756-1571

STAAS & HALSEY 1201 NEW YORK AVENUE N.W. 7<sup>TH</sup> FLOOR WASHINGTON DC 20005

HR